



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## CONSTITUTION.

---

### ARTICLE I.

This Association shall be called the **AMERICAN MICROSCOPICAL SOCIETY**. Its object shall be the encouragement of microscopical research.

### ARTICLE II.

Any person interested in microscopical science may become a member of this Society upon written application and recommendation by two members and election by the Executive Committee. Honorary members may also be elected by the Society on nomination by the Executive Committee.

### ARTICLE III.

The officers of this Society shall consist of a President and two Vice-Presidents, who shall hold their office for one year, and shall be ineligible for re-election for two years after the expiration of their terms of office, together with a Secretary and Treasurer, who shall be elected for three years and be eligible for re-election.

### ARTICLE IV.

The duties of the officers shall be the same as are usual in similar organizations; in addition to which it shall be the duty of the President to deliver an address during the meeting at which he presides; of the Treasurer to act as custodian of the property of the Society, and of the Secretary to edit and publish the Proceedings of the Society.

### ARTICLE V.

There shall be an Executive Committee, consisting of the officers of the Society, three members elected by the Society, and the past Presidents of the Society and of the American Society of Microscopists.

## ARTICLE VI.

It shall be the duty of the Executive Committee to fix the time and place of meeting and manage the general affairs of the Society.

## ARTICLE VII.

The initiation fee shall be \$3.00, and the dues shall be \$2.00 annually, payable in advance.

## ARTICLE VIII.

The election of officers shall be by ballot.

## ARTICLE IX.

Amendments to the Constitution may be made by a two-thirds vote of all members present at any annual meeting, after having been proposed at the preceding annual meeting.

---

BY-LAWS.

---

## I.

The Executive Committee shall, before the close of the annual meeting for which they are elected, examine the papers presented and decide upon their publication or otherwise dispose of them.

All papers accepted for publication must be completed by the authors and placed in the hands of the Secretary by October 1st succeeding the meeting.

## II.

The Secretary shall edit and publish the papers accepted with the necessary illustrations.

## III.

The number of copies of Proceedings of any meeting shall be decided at that meeting.

## IV.

No applicant shall be considered a member until he has paid his dues. Any member failing to pay his dues for two consecutive years, and after two written notifications from the Treasurer, shall be dropped from the roll, with the privilege of reinstatement at any time on payment of all arrears. The Proceedings shall not be sent to any member whose dues are unpaid.

## V.

The election of officers shall be held on the morning of the last day of the annual meeting. Their term of office shall commence at the close of the meeting at which they are elected, and shall continue until their successors are elected and qualified.

## VI.

Candidates for office shall be nominated by a committee of five members of the Society. This committee shall be elected by a plurality vote, by ballot, after free nomination, on the second day of the annual meeting.

## VII.

All motions or resolutions relating to the business of the Society shall be referred for consideration to the Executive Committee before discussion and final action by the Society.

## VIII.

Members of the Society shall have the privilege of enrolling members of their families (except men over twenty-one years of age) for any meeting upon payment of one-half the annual subscription (\$1.00).

Approved by the Society, August 11, 1892.

## LIST OF MEMBERS

---

The figures denote the year of the member's election, except '78, which marks an original member. The TRANSACTIONS are not sent to members in arrears, and two years' arrearage forfeits membership. (See Article IV. of By-Laws.)

---

### Members Elected During the Year 1898.

For addresses see regular list.

BESSEY, CHARLES E., Ph. D., LL. D.	HOLMES, A. M., M. D.
CLEMENTS, FRED. E., A. M. Ph. D.	HOWLAND, HENRY R., M. D.
DAVIS, CHAS. H.	JOHNSON, WM. D., M. D.
DIDAMA, HENRY D., M. D.	JONES, MARY A. D., M. D.
ELLIOTT, LUTHER B.	MOBLEY, J. W., M. D.
FINDER, WM., Jr., M. D.	MURPHEY, EUGENE E., M. D.
GOODRICH, W. H., M. D.	POUND, ROSCOE, A. M., Ph. D.
HIGGINS, F. W., M. D.	WOLCOTT, ROBERT H., A. M., M. D.

---

ABERDEIN, ROBERT, M. D., F. R. M. S., '82..327 James St., Syracuse, N. Y.  
ACKER, GEO. N., M. D., '91..913 Sixteenth St., N. W., Washington, D. C.  
AINSLIE, CHARLES N., '92, .....Rochester, Minn.  
ALLEGGER, WALTER W., M. D., '94,..906 S. St., N. W., Washington, D. C.  
ATWOOD, E. S., '79, .....261 W. 34th St. N. Y.  
ATWOOD, H. F., F. R. M. S., '78,....Rochester, N. Y.  
AYERS, MORGAN W., M. D., '87, .....Upper Montclair, N. J.

BARKER, ALBERT S., '97,.....24th and Locust Sts., Philadelphia, Pa.  
BARNSFATHER, JAMES, M. D., '91,

Cor. Sixth Ave. and Walnut St., Dayton, Ky.

BARTLETT, CHARLES JOSEPH, M. D., '96,.....New Haven, Conn.  
BAUSCH, EDWARD, '78, .....179 N. St. Paul St., Rochester, N. Y.  
BAUSCH, HENRY, '86, .....Rochester, N. Y.  
BAUSCH, WILLIAM, '88, .....Rochester, N. Y.  
BEAL, Prof. JAMES HARTLEY, '96, .....Scio College, Scio, Ohio  
BEARDSLEY, Prof. A. E., '97, .....Greeley, Col.  
BELL, CLARK, Esq., '92, .....39 Broadway, New York City  
BENNETT, HENRY C., '93, .....256 W. 42d St., New York City  
BESSEY, Prof. CHARLES EDWIN, Ph. D., LL. D., '98, .....Lincoln, Neb.  
BISCOE, Prof. THOMAS D., '91, .....404 Front St., Marietta, Ohio

BLEILE, A. M., M. D., '81,.....Ohio State University, Columbus, Ohio  
 BODINE, Prof. DONALDSON, '96,.....Crawfordsville, Ind.  
 BOOTH, MARY A., F. R. M. S., '82,.....32 Byers St., Springfield, Mass.  
 BOYCE, JAMES C., Esq., '86,.....Carnegie Building, Pittsburg, Pa.  
 BOYCE, JOHN W., M. D., '96,.....23 Mawhinney St., Pittsburg, Pa.  
 BOYER, C. S., A. M., '92,.....3223 Clifford St., Philadelphia, Pa.  
 BREDIN, GEO. S., '96,.....302 Spitzer Building, Toledo, O.  
 BROMLEY, ROBERT INNIS, M. D., '93,.....Sonora, Cal.  
 BROWN, MISS L. S., '92, ... W. Main St., Angelica, N. Y.  
 BROWN, N. HOWLAND, '91, .....33 S. 10th St., Philadelphia, Pa.  
 BROWN, ROBERT, '85, .....Observatory Place, New Haven, Conn.  
 BRUNDAGE, A. H., M. D., '94, .....1153 Gates Ave., Brooklyn, N. Y.  
 BULL, JAMES EDGAR, Esq., '92,....253 Broadway, New York City, N. Y.  
 BURNER, NATHAN L., M. D., '96,...368 Hamilton Ave., Columbus, Ohio  
 BURRILL, Prof. T. J., Ph. D., F. R. M. S., '78,.....Urbana, Ill.  
 BURT, Prof. EDWARD A., '91,.....Middlebury College, Middlebury, Vt.  
 BUSH, BERTHA E., M. D., '95,.....808 Morse Ave., Rogers Park, Ill.

CAMPBELL, D. P., M. D., '88, Tomichi, White Pine P. O., Gunnison Co., Col.  
 CARTER, JOHN E., '86,.....Germantown, Philadelphia, Pa.  
 CHESTER, ALBERT H., A. M., '88, ..Rutgers College, New Brunswick, N. J.  
 CLAPP, GEO. H., '86,.....116 Water St., Pittsburg, Pa.  
 CLARK, GAYLORD P., M. D., '96,.....Syracuse, N. Y.  
 CLARK, GEORGE EDW., M. D., '96,....Skaneateles, Onondaga Co., N. Y.  
 CLAYPOLE, AGNES M., '94, .....Cornell University, Ithaca, N. Y.  
 CLAYPOLE, EDITH JANE, Ph. B., M. S., '93,

Wellesley College, Wellesley, Mass.

CLAYPOLE, EDWARD W., B. Sc., F. G. S., '86, .....Akron, Ohio  
 CLEMENTS, FREDERICK E., A. M., Ph. D., '98,.....Lincoln, Neb.  
 COBB, CHAS. N., A. M., '86, .....26 N. Pine St., Albany, N. Y.  
 COOPE, A. F., M. D., '86,.....114 Sycamore St., Oil City, Pa.  
 COUCH, FRANCIS G., '86,

Kalish Pharmacy, 23d St. and 4th Ave., New York City

COX, CHAS. F., F. R. M. S., '85,....Grand Central Depot, New York City  
 CRAIG, THOMAS, '93,.....244 Greenpoint Ave., Brooklyn, N. Y.  
 CUNNINGHAM, M. C., '96,.....Board of Health, Pittsburg, Pa.

DAVIS, CHAS. H., '98,.....Drawer 1033, Rochester, N. Y.  
 DAVIS, W. Z., '86,.....Marion, Ohio  
 DEAN, N. B. H., M. D., '96, .....Young St., Brighton, Ont.  
 DIDAMA, HENRY D., M. D., '98,.....424 S. Salina St., Syracuse, N. Y.  
 DIEHL, ALFRED C., M. D., '96, .....361 Pearl St., Buffalo, N. Y.  
 DORR, L. BRADLEY, A. B., M. D., '96,....300 Jefferson St., Buffalo, N. Y.  
 DORR, S. HOBART, Ph. G., '95,.....945 Niagara St., Buffalo, N. Y.  
 DORT, MISS ELIZABETH, '96,.....608 Filmore Ave., Buffalo, N. Y.  
 DOUBLEDAY, HENRY H., Esq., '90, ..715 H. St., N. W., Washington, D. C.  
 DRESCHER, W. E., '87, .....Box 1033, Rochester, N. Y.  
 DUNHAM, E. K., M. D., '92,.....338 E. 26th St., New York City

- EASTMAN, LEWIS M., M. D., F. R. M. S., '82,  
772 W. Lexington St., Baltimore, Md.
- EIGENMANN, Prof. C. H., '95,... University of Indiana, Bloomington, Ind.
- ELLIOTT, Prof. ARTHUR H., '91,..... 4 Irving Place, New York City
- ELLIOTT, LUTHER B., '98,..... 4 Fulton Ave., Rochester, N. Y.
- ELSNER, JOHN, M. D., '83,..... P. O. Box 454, Denver, Col.
- ELWELL, A. T., '89,..... 16 Pearl St., Council Bluffs, Iowa
- EWELL, MARSHALL D., LL. D., M. D., F. R. M. S., '85,  
618 and 619 Ashland Block, Chicago, Ill.
- FEIEL, ADOLPH, M. D., '81,..... 520 E. Main St., Columbus, Ohio
- FELL, GEO. E., M. D., F. R. M. S., '78,..... 72 Niagara St., Buffalo, N. Y.
- FELLOWS, CHAS. S., F. R. M. S., '88,  
28 Chamber Commerce, Milwaukee, Wis.
- FERRIS, Prof. HARRY B., '96,..... 118 York St., New Haven, Conn.
- FIELD, A. G., M. D., '82,..... Summit Place, Des Moines, Iowa
- FINDER, WM., JR., M. D., '98,..... 2 Union Place, Troy, N. Y.
- FISHER, MAX, '93,..... Zeiss Optical Works, Jena, Germany
- FLINT, JAMES M., M. D., '91,..... "The Portland," Washington, D. C.
- FORDYCE, CHARLES, B. S., A. M., '98,  
Nebraska Wesleyan University, University Place, Neb.
- FOX, OSCAR C., '92,..... U. S. Patent Office, Washington, D. C.
- FULLER, CHAS. G., M. D., F. R. M. S., '81,  
39 Central Music Hall, Chicago, Ill.
- GAERTNER, FRED, M. D., '87,..... 3519 Penn. Ave., Pittsburg, Pa.
- GAGE, Prof. SIMON H., B. S., '82,..... Cornell University, Ithaca, N. Y.
- GAGE, MRS. SUSANNA PHELPS, '87,..... Ithaca, N. Y.
- GATES, ELMER, '96,..... Chevy Chase, Md.
- GOODRICH, W. H., M. D., '98,..... Augusta, Ga.
- GREEN, MISS ISABELLA M., M. S., '96,.... St. Mary's School, Raleigh, N. C.
- HAAG, D. E., M. D., F. R. M. S., '86,.... 1121 Washington St., Toledo, Ohio
- HANAMAN, C. E., F. R. M. S., '79,.... Box 527, Troy, N. Y.
- HANKS, HENRY G., '86, ..... 718 Montgomery St., San Francisco, Cal.
- HASENCAMP, OSCAR, M. D.,.... Cor. Cherry and Ontario Sts., Toledo, O.
- HATFIELD, JOHN J. B., '82,..... 333 Arsenal Ave., Indianapolis, Ind.
- HEALD, GEORGE HENRY, M. D., '96,..... Battle Creek, Mich.
- HEINEMAN, H. NEWTON, M. D., '91,.... 60 W. Fifty-sixth St., New York
- HERTZLER, ARTHUR A., M. D., '96,..... Halstead, Kan.
- HIGGINS, F. W., M. D., '98,..... Courtland, N. Y.
- HILL, HERBERT M., Ph. D., '87,..... 24 High St., Buffalo, N. Y.
- HOFFMAN, JOS. H., M. D., '96,..... 111 Steuben St., Pittsburg, Pa.
- HOLBROOK, M. L., M. D., '82,..... 46 E. Twenty-first St., New York
- HOLMES, A. M., M. D., '98,..... Jackson Block, Denver, Colo.
- HOSKINS, WM., '79,..... Room 55, 81 S. Clark St., Chicago, Ill.
- HOWARD, CURTIS C., M. D., '83,.... Starling Medical College, Columbus, O.
- HOWE, LUCIEN, M. D., F. R. M. S., '78,.... 87 W. Huron St., Buffalo, N. Y.

HOWLAND, HENRY R., A. M., '98,.....317 Sumner St., Buffalo, N. Y.  
 HUBER, G. CARL, M. D., F. R. M. S., '90, 24 E. Ann St., Ann Arbor, Mich.  
 HUMPHREY, O. D., Ph. D., '95,.....Jamaica, N. Y.  
 HYATT, J. D., '78,.....69 Burling Lane, New Rochelle, N. Y.

JACKSON, CHEVALIER Q., M. D., '87,.....63 Sixth Ave., Pittsburg, Pa.  
 JAMES, BUSHROD W., M. D., '94,

N. E. cor. Green and Eighteenth Sts., Philadelphia, Pa.

JAMES, FRANK L., Ph. D., M. D., '82,.....Box 568, St. Louis, Mo.  
 JAMES, GEO. W., '92,.....108 Lake St., Chicago, Ill.  
 JOHNSON, FRANK S., M. D., '83,.....2521 Prairie Ave., Chicago, Ill.  
 JOHNSON, WM. D., M. D. '98,.....Bergen, N. Y.  
 JOHNSTON, LEVI D., M. D., '96,.....Whittier, Cal.  
 JONES, MRS. MARY A. DIXON, M. D., '98, . 439 W. 162 St., New York City.

KELLOGG, J. H., M. D., '78,.....Battle Creek, Mich.  
 KERR, ABRAHAM TUCKER, JR., '95,.....1386 Main St., Buffalo, N. Y.  
 KINGSBURY, BENJ. F., A. B., M. S., '94,.....Ithaca, N. Y.  
 KIRKPATRICK, T. J., '83,.....Springfield, Ohio.  
 KLINE, A. T., '97,.....335 Superior St., Toledo, Ohio.  
 KOTZ, A. L., M. D., '91.....53 S. Fourth St., Easton, Pa.  
 KRAFFT, WILLIAM, '95,.....411 W. 59th St., New York.  
 KRAUSS, WM. C., B. S., M. D., F. R. M. S., '90,

371 Delaware Ave., Buffalo, N. Y.

KUHNE, F. W., '79,.....19 Court St., Fort Wayne, Ind.

LAMB, J. MELVIN, M. D., '91,.....906 G St., N. W., Washington, D. C.  
 LANDSBERG, A., '79,.....156 Woodward Ave., Detroit, Mich.  
 LATHAM, MISS V., D. D. S., F. R. M. S., '88, 808 Morse Ave., Chicago, Ill.  
 LAWTON, EDWARD P., '88,.....3 Linden Ave., Troy, N. Y.  
 LEIPPE, J. HARRY, '96,.....2nd and Franklin Sts., Reading, Pa.  
 LEWIS, MRS. KATHARINE B., '89, "Elmstone," 656 7th St., Buffalo, N. Y.  
 LEWIS, IRA W., '87,.....Dixon, Ill.  
 LINE, J. EDWARD, D. D. S., F. R. M. S., '82, 39 State St., Rochester, N. Y.  
 LOCKE, JOHN D., '93,.....4 Lafayette Sq., Washington, D. C.  
 LOMB, ADOLPH, '92,.....48 Clinton Place, Rochester, N. Y.  
 LOMB, HENRY, '84,.....48 Clinton Place, Rochester, N. Y.  
 LOOMIS, CHANDLER H., '97, Atlantic Dredging Co., 31 Pine St. N. Y. City.  
 LOVE, Prof. E. G., '91,.....80 E. 55th St., New York City.  
 LOVELAND, A. E., M. A., M. D., '97,....McLean Hospital, Waverly, Mass.  
 LYON, HOWARD N., M. D., '84,.....39 Bellevue Place, Chicago, Ill.

MANTON, W. P., M. D., F. R. M. S., '85, 32 W. Adams Ave., Detroit, Mich.  
 MARSHALL, COLLINS, M. D., '96,.....2507 Penn Ave., Washington, D. C.  
 MARSHALL, WM., JR., '92,.....Coudersport, Pa.  
 MASTERMAN, ELMER E., '97,.....New London, Ohio.  
 MCCALLA, ALBERT, Ph. D., '80,

414 Monadnock, Dearborn and Jackson Sts., Chicago, Ill.



- MCKAY, JOSEPH, '84,.....359 Eighth St., Troy, N. Y.  
 MCKIM, REV. HASLETT, '85,.....33 W. Twentieth St., New York City.  
 MEADER, LEE DOUGLASS, M. D., '96, 914 E. McMillen St., Cincinnati, O.  
 MELLOR, CHAS. C., '85,.....77 Fifth Ave., Pittsburg, Pa.  
 MERCER, A. CLIFFORD, M. D., F. R. M. S., '82,  
     324 Montgomery St., Syracuse, N. Y.  
 MERCER, FREDERICK W., M. D., F. R. M. S., '83,  
     2540 Prairie Ave., Chicago, Ill.  
 MILLER, JOHN A., Ph. D., F. R. M. S., '89, 255 Ellicott St., Buffalo, N. Y.  
 MILNOR, CHAS. G., '86,.....318 Highland Ave., Pittsburg, Pa.  
 MOBLEY, J. W., M. D., '98,.....Milledgeville, Ga.  
 MOODY, ROBERT O., M. D., '91,.....1204 Chapel St., New Haven, Conn.  
 MOORE, Prof. V. A., M. D., '87,.....Cornell University, Ithaca, N. Y.  
 MURPHY, EUGENE E., M. D., '98,.....Augusta, Ga.  
 MYERS, BURTON D., '97,.....89 N. Tioga St., Ithaca, N. Y.
- NUNN, RICHARD J., M. D., '83,.....119½ York St., Savannah, Ga.
- ORTEL, T. E., M. D., '92,.....Med. Dept., Univ. of Ga., Augusta, Ga.  
 OHLER, W. H., '91,.....18 Locust St., Portland, Me.  
 OLIN, R. C., M. D., '90,.....32 Adams Ave. West, Detroit, Mich.  
 OLSEN, ALFRED BERTHIER, M. D., '96,  
     Med. Miss. Training School, 1926 Wabash Ave., Chicago, Ill.
- PAQUIN, PAUL, M. D., '91,.....3536 Olive St., St. Louis, Mo.  
 PARK, ROSWELL, A. M., M. D., '84,.....510 Delaware Ave., Buffalo, N. Y.  
 PATRICK, FRANK, Ph. D., '91,.....601 Kansas Ave., Topeka, Kan.  
 PEASE, FRED. N., '87,.....Box 210, Altoona, Pa.  
 PENNOCK, ED., '79,.....3609 Woodland Ave., Philadelphia, Pa.  
 PERRY, STUART H., Esq., '90,  
     Cor. Saginaw and Lawrence Sts., Pontiac, Mich.  
 PFLEUM, MAGNUS, Esq., '91,.....415 Grant St., Pittsburg, Pa.  
 PIWONKA, F., Esq., '97,.....243 Superior St., Cleveland, Ohio.  
 POUND, ROSCOE, A. M., Ph. D., '98,.....Lincoln, Neb.  
 PYBURN, GEORGE, M. D., '86,.....1011 H St., Sacramento, Cal.
- REED, RAYMOND C., '97,.....108 University Ave., Ithaca, N. Y.  
 REYBURN, ROBERT, M. D., '90,.....2129 F St., N. W., Washington, D. C.  
 REYNOLDS, WILLIAM GEORGE, M. D., '97,.....Woodbury, Conn.  
 RICE, FRANCIS SCOTT, '96, Cor. Third St. and Eastern Ave., Aspinwall, Pa.  
 ROBBINS, HENRY A., M. D., '91,.....1750 M St., N. W., Washington, D. C.
- SAMPSON, ALLEN W., M. D., '96,.....Penn Yan, N. Y.  
 SCHMITZ, HENRY, M. D., '96,.....518 W. Chicago Ave., Chicago, Ill.  
 SCHWERTFEGER, LOUIS CHARLES, Esq., '96,.....Lincoln, Logan Co., Ill.  
 SEAMAN, WM. H., M. D., '86, 1424 Eleventh St., N. W., Washington, D. C.  
 SECOR, JABIN A., '95,.....Elmira, N. Y.  
 SEYMOUR, Prof. M. L., '85,.....Chico, Cal.

- SHEARER, J. B., '88,..... 809 Adams St., Bay City, Mich.  
 SHULTZ, CHAS. S., '82,..... Hoboken, N. J.  
 SIEMON, RUDOLPH, '91,..... 22 E. Jefferson St., Fort Wayne, Ind.  
 SLOCUM, CHAS. E., Ph. D., M. D., '78,..... Defiance, Ohio.  
 SMITH, J. C., '96,..... 131 Carondelet St., New Orleans, La.  
 SNYDER, JAMES B., D. D. S., '97, ..... Bryan, Ohio.  
 SPENCER, HERBERT R., '85,..... 367 Seventh St., Buffalo, N. Y.  
 STILLSON, J. O., A. M., M. D., '80,.... 445 N. Penna St., Indianapolis, Ind.  
 STOCKWELL, RODNEY R., '96, ..... Box 509, New Brighton, Pa.  
 STONEY, ROBERT J., Jr., '96, ..... P. O. Box 363, Pittsburg, Pa.  
 STOWELL, THOMAS B., A. M., Ph. D., '82,  
     State Normal School, Potsdam, N. Y.  
 SUMMERS, Prof. H. E., '86,..... University of Illinois, Champaign, Ill.  
 THOMAS, Prof. MASON B., '90,.... Wabash College, Crawfordsville, Ind.  
 THORNBURY, FRANK J., M. D., '96,..... 401 Delaware Ave., Buffalo, N. Y.  
 TIMMINS, GEORGE, '96,..... Syracuse, N. Y.  
 TWINING, FREDERICK E., '96,..... 1833 Mariposa St., Fresno, Cal.  
 VANDERPOEL, FRANK, M. E., '87,..... 191 Roseville Ave., Newark, N. J.  
 VEEDER, ANDREW T., M. D., '83,  
     Horne Office Building, Penn Ave., Pittsburg, Pa.  
 VEEDER, M. A., M. D., '85,..... Lock Box 1108, Lyons, N. Y.  
 VORCE, C. M., Esq., F. R. M. S., '78,.... 5 Rouse Block, Cleveland, Ohio.  
 VREDENBURGH, E. H., '84,..... 122 S. Fitzhugh St., Rochester, N. Y.  
 WALMSLEY, W. H., F. R. M. S., '78,..... 4248 Pine St., Philadelphia, Pa.  
 WARD, Prof. HENRY B., A. M., Ph. D., '87,  
     University of Nebraska, Lincoln, Neb.  
 WEBER, Prof. HENRY A., Ph. D., '86,.... 1342 Forsyth Ave., Columbus, O.  
 WEIGHTMAN, CHAS. H., '86,..... 5859 Michigan Ave., Chicago, Ill.  
 WELCH, GEO. O., M. D., '91,..... Box 416, Fergus Falls, Minn.  
 WENDE, ERNEST, M. D., '91,..... 471 Delaware Ave., Buffalo, N. Y.  
 WERUM, J. H., '93,..... 508 Adams St., Toledo, Ohio  
 WHELPLEY, H. M., M. D., Ph. G., F. R. M. S., '90,  
     2342 Albion Place, St. Louis, Mo.  
 WHITE, JONATHAN, Esq., '91,..... 14 Maple Ave., Brockton, Mass.  
 WHITE, MOSES, C., M. D., '85,..... Box 1674, New Haven, Conn.  
 WHITLEY, JAMES D., M. D., '85,..... Petersburg, Ill.  
 WIARD, MARTIN S., '86,..... 21 Walnut St., New Britain, Conn.  
 WILSON, LEONIDAS A., Esq., '85,.... 112 Public Square, Cleveland, Ohio  
 WILSON, Mrs. MARY R., M. D., '95,..... Ithaca, N. Y.  
 WOLCOTT, ROBERT HENRY, A. M., M. D., '98,..... Lincoln, Neb.  
 WOODWARD, ANTHONY, '85,..... 206 W. 128th St., New York City  
 WOODWARD, A. L., '97,..... 93 Park Ave., Utica, N. Y.  
 YOUNG, AUGUSTUS A., M. D., '92,  
     22 E. Miller St., Newark, Wayne Co., N. Y.  
 YZNAGA, JOSÉ M., Esq., '90,..... 612 F St., N. W., Washington, D. C.  
 ZENTMAYER, FRANK, '91,..... 209 S. Eleventh St., Philadelphia, Pa.

### HONORARY MEMBERS

---

COX, JACOB D., LL. D., F. R. M. S., ..... Oberlin, Ohio  
 CRISP, FRANK, LL. B., B. A., F. R. M. S.,  
     5 Landsdowne Road, Nottingham Hill, London, England  
 DALLINGER, Rev. W. H., F. R. S., F. R. M. S.,  
     Ingleside, Lee, S. E., London, England  
 HUDSON, Rev. C. T., A. M., LL. D., F. R. M. S.,  
     6 Royal York Crescent, Clifton, Bristol, England  
 MADDOX, R. L., M. D., Hon. F. R. M. S.,  
     Greenbank, 45 Park Road, Portswood, Southampton, England  
 SMITH, HAMILTON L., LL. D., F. R. M. S., ..... Geneva, N. Y.  
 WARD, R. H., M. A., M. D., F. R. M. S., ..... 53 Fourth St., Troy, N. Y.

---

### SUBSCRIBERS

---

PUBLIC LIBRARY, ..... Detroit, Mich., one copy  
 FIELD COLUMBIAN MUSEUM, ..... Chicago, Ill., one copy  
 COLUMBIA UNIVERSITY LIBRARY, ..... New York City, one copy  
 NEW YORK PUBLIC LIBRARY, ..... New York City, one copy  
 DULAU & Co., ..... 37 Soho Square, London, England, two copies  
 CARNEGIE LIBRARY, ..... Pittsburg, Pa., one copy  
 SYRACUSE CENTRAL LIBRARY, ..... Syracuse, N. Y., one copy  
 ACADEMY OF NATURAL SCIENCES,  
     Logan Square, Philadelphia, Pa., one copy  
 NEW YORK ACADEMY OF MEDICINE, 17 W. 43d St., New York City, one copy  
 THE MISSOURI BOTANICAL GARDEN, ..... St. Louis, Mo., one copy  
 SCIENTIFIC LIBRARY, .. U. S. Patent Office, Washington, D. C., one copy  
 N. Y. STATE VETERINARY COLLEGE,  
     Cornell University, Ithaca, N. Y., one copy  
 U. S. MEDICAL MUSEUM AND LIBRARY,  
     Surgeon General's Office, Washington, D. C., one copy  
 R. FRIEDLAENDER & SOHN, Berlin, N. W., Carlstr. 11, Germany, one copy  
 NEW YORK STATE LIBRARY, .... Serial Section, Albany, N. Y., one copy  
 BOSTON SOCIETY OF NATURAL HISTORY,  
     Berkeley St., Boston, Mass., one copy  
 DR. JOS. H. LINSLEY,  
     Director of Hygienic Laboratory, Burlington, Vt., one copy  
 LIBRARY OF THE OHIO STATE UNIVERSITY, ..... Columbus, O., one copy  
 LABORATORY OF HISTOLOGY AND EMBRYOLOGY.  
     University of Minnesota, Minneapolis, Minn., one copy  
 LIBRARY OF THE UNIVERSITY OF NEBRASKA, .... Lincoln, Neb., one copy

The next meeting of the American Microscopical Society will be held in Columbus, O., August 17, 18 and 19, 1899.

Columbus is the central city of Ohio, with excellent railroad connections in every direction. Its hotels are among the best in the State. It is well known as a convenient and attractive city for conventions.

The sessions of the Society will be held in the elegant new Biological Hall of the Ohio State University, which was designed for the special accommodation of the departments of Entomology, Zoology, Anatomy and Physiology, and is fully equipped with all the latest and best apparatus for this work. The building is in design and general appearance one of the most attractive on the campus and is easily accessible from the city hotels. All the facilities of the institution will be placed at the command of the Society, which is thus insured the most satisfactory environment for a successful meeting. By holding the meeting at this place and date, members of the Society are assured of reduced railroad rates, granted in connection with the meeting of the American Association for the Advancement of Science the following week. A most cordial invitation is extended to our members to remain for the meeting of the latter organization and enjoy all its privileges at an added expense of \$3.00, the nominal fee for affiliated membership, or to become full members.

Reduced railroad rates are granted to all our members. Details concerning rates, programs, etc, will be sent in a later circular. Notice of papers for the annual meeting should be sent the Secretary at once.

By recent action of the Society, members may be elected at any time, and blank applications may be secured in any number from the Treasurer or Secretary.